



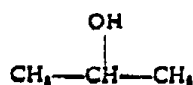
Shell Industrial Chemicals

Isopropyl Alcohol

RADIO SHACK CD Cleaner Cat. No. 42-113

Data Sheet
3A 010New number
IS 3.2.4

Formula



Chemical name

2-propanol

Other names

Isopropanol, IPA, IPS. I

SALES SPECIFICATION

Property	Test method	Specified limit
Purity, % wt	By difference*	99.7 min
Colour Pt-Co (Hazen)	ASTM D1209	5 max
Density at 20°C, kg/l	SMS 1347	0.785-0.786
Water, % wt	ASTM D1364	0.15 max
Water miscibility	ASTM D1722	Pass
Distillation range	ASTM D1078	
IBP°C		82.0 min
DP°C		83.0 max
Acidity as acetic acid, % wt	ASTM D1613	0.002 max
Non-volatile matter, g/100 ml	ASTM D1353	0.002 max

*100 minus % water minus % organics by GLC.

This product meets the requirements of BS 1595, ASTM D770, DIN 53245 and BP.

TEST METHODS

ASTM Standards are published by the American Society for Testing and Materials, 1916 Race Street, Philadelphia, Pa. 19103, USA.

SMS methods are Shell methods.

GENERAL INFORMATION

Hazards

Highly inflammable. Miscible with water. A Threshold Limit Value (TLV) of 400 ppm for an 8-hour working day has been adopted by the A.C.G.I.H.* Continuous inhalation of vapour should be avoided. As with other organic solvents prolonged exposure may cause irritation to the eyes, mucous membranes and throat; exposure to very high concentration may cause narcosis.

*Threshold Limit Values for chemical substances and physical agents in the workroom environment adopted by the American Conference of Governmental Industrial Hygienists, 1973.

Flash point

50°F, 10°C (IP 170—Abel)

PACKAGING INFORMATION

	Ex UK 209 litre 1.25 mm unlined mild steel drums	Ex Holland 218 litre 1.25 mm unlined mild steel drums	Ex France 225 litre 1.0/0.9 mm unlined mild steel drums	Ex USA 55 AG 1.25/1.0 mm unlined mild steel drums
Nett weight per drum	166.5 kg	166 kg	169 kg	359 lbs
Nominal tare weight per drum	22.7 kg	22 kg	17 kg	40 lbs
Nominal gross weight, per drum	189.2 kg	188 kg	186 kg	399 lbs
Shipping displacement	0.306 cu. m	0.306 cu. m	0.346 cu. m	10.713 cu. ft

Issued: January 1976; Supersedes March 1972.

Product Code No: S1111

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